

SWADLINCOTE DISTRICT
URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
FOR
THE YEAR 1905.

JOHN HAMILTON, M.D.

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SWADLINCOTE
DISTRICT URBAN DISTRICT COUNCIL.

MEDICAL OFFICER'S REPORT
FOR 1905.

MR. CHAIRMAN AND COUNCILLORS,

I beg leave to submit my Annual Report for 1905, which is the 29th I have made for the Swadlincote Urban District, and the 12th since the amalgamation of the Gresley and Newhall Wards.

The estimated population of the District up to the middle of last year was 19,445. The number of deaths in the District was 204, viz.: 107 males and 97 females, giving a death-rate for the year of 10·49 per 1,000.

Twelve deaths of males and three females of persons belonging to the district, but whose death took place outside, brings the total deaths up to 216, giving a death-rate of 11·10 per 1,000.

Death-rate for 1901	...	14·46	} per 1000
„ „ 1902	...	16·5	
„ „ 1903	...	19·97	
„ „ 1904	...	12·67	

The number of deaths from notified zymotic causes was 4, giving a death-rate of ·205 per 1,000. The total number of deaths from zymotic causes was 13, giving a death-rate of ·668 per 1,000.

The death-rate from zymotic causes was in

1901	...	2·87	} per 1,000
1902	...	2·8	
1903	...	1·12	
1904	...	2·10	

The total number of Births registered was 668, viz.: 336 males and 332 females. The birth-rate for the year was 34·35 per 1,000, as compared with

1901	...	36·20	} per 1,000
1902	...	35·98	
1903	...	35·82	
1904	...	33·66	

This equals a net increase during the year of 229 males and 235 females.

Vital Statistics of Whole District during 1905 and previous Years.

Year.	Population estimated to Middle of each year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number	Rate.*	Under 1 Year of Age.		At all Ages.					Number.*	Rate.*
				Num-ber.	Rate per 1,000 Births registered.	Number.	Rate.*					
I	2	3	4	5	6	7	8	9	10	11	12	13
1895	15,530	610	39.27	81	132.8	199	12.8				199	12.8
1896	15,990	584	36.52	72	123.28	198	12.3				198	12.3
1897	16,470	566	34.36	93	164.31	224	13.6				224	13.6
1898	16,930	631	37.20	106	167.98	281	16.5				281	16.5
1899	17,460	645	36.94	97	150.38	262	15.0				262	15.0
1900	17,602	642	36.47	88	137.07	233	13.2				233	13.2
1901	18,117	656	36.20	82	125.0	254	14.01				254	14.01
1902	18,450	664	35.98	94	141.56	292	15.8		14		306	16.05
1903	18,675	669	35.82	63	94.17	194	10.38		11		205	10.97
1904	19,043	641	33.66	74	115.4	241	12.65		16		257	13.495
Averages for years 1895-1904	17,426	630	36.24	85	135.19	237	13.64	Nil	Nil	Nil	241	13.79
1905	19,445	668	34.35	75	112.27	204	10.49	Nil	Nil	12	216	11.10

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the division or district. The deaths to be included in column 12 are the number in column 7, corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums.

The mortality under one year equals a death-rate of 112·27 per 1,000 of births registered as compared with

1901	...	125·01	} per 1,000 of Births registered
1902	...	141·56	
1903	...	94·17	
1904	...	115·44	

The death-rate from 65 years and upwards was 2·82 per 1,000, as compared with

1901	...	2·70	} per 1,000
1902	...	2·07	
1903	...	2·19	
1904	...	3·203	

The following Table gives the details of the Mortality in the District of Swadlincote during the year 1905 :—

Causes of Death.			All Ages.	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upw'rds						
Measles	1	...	0	...	1	...	0	...	0	...	0		
Scarlet Fever	1	...	0	...	0	...	1	...	0	...	0		
Whooping Cough	2	...	1	...	1	...	0	...	0	...	0		
Enteric Fever	3	...	0	...	0	...	1	...	2	...	0		
Epidemic Influenza	2	...	0	...	1	...	0	...	0	...	1		
Diarrhœa	2	...	2	...	0	...	0	...	0	...	0		
Enteritis	2	...	2	...	0	...	0	...	0	...	0		
Phthisis (Pulmonary Tuberculosis)	4	...	0	...	0	...	0	...	4	...	0		
Other tubercular diseases	6	...	3	...	2	...	1	...	0	...	0		
Cancer, malignant disease	12	...	0	...	0	...	0	...	8	...	4		
Bronchitis	34	...	11	...	6	...	2	...	0	...	7	...	8
Pneumonia	10	...	2	...	2	...	1	...	1	...	3	...	1
Other diseases of Res- piratory Organs	2	...	0	...	0	...	0	...	0	...	2	...	0
Alcoholism, Cirrhosis of Liver	2	...	0	...	0	...	0	...	0	...	1	...	1
Premature Birth	15	...	15	...	0	...	0	...	0	...	0	...	0
Heart Diseases	11	...	0	...	1	...	0	...	0	...	5	...	5
Accidents	4	...	3	...	0	...	0	...	0	...	0	...	1
Suicides	4	...	0	...	0	...	0	...	0	...	3	...	1
All other causes	99	...	36	...	10	...	2	...	1	...	17	...	33
			216	...	75	...	24	...	7	...	3	...	52	...	55

The second part of my Report in the following Table deals with infectious diseases notified during the year.

Notifiable Disease.	At all Ages.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.
Diphtheria	2	0	1	0	1	0
Membranous Croup	4	3	1	0	0	0
Erysipelas	26	2	2	0	17	5
Scarlet Fever	61	20	36	4	1	0
Enteric Fever	8	0	3	1	4	0
Puerperal Fever	1	0	0	0	1	0
	102	25	43	5	24	5

Scarlet Fever. Sixty-one cases were notified to me during the year. The disease never assumed an epidemic form, and the cases were of a mild nature; only one death was registered from this cause.

Enteric Fever. Eight cases were notified and three deaths were registered from this cause.

Erysipelas. Twenty-six cases were notified during the year.

Measles. One death was registered from this cause, but the disease was almost unknown during the year.

Whooping Cough. Two deaths were registered from this cause, and the disease was somewhat prevalent in a part of the district.

Bronchitis, Pneumonia, Pleurisy, and other diseases of Respiratory organs. Forty-six deaths were registered from these causes.

Phthisis and other Tubercular Diseases. Ten deaths were registered from these causes, as compared with 21 deaths in the previous year.

Cancer and other Malignant Disease. Twelve deaths occurred under these heads, as compared with nine in the previous year.

Diarrhoea and Enteritis. But five deaths were registered from these causes.

Puerperal Fever. One case was reported to me during the year.

Diphtheria and Membranous Croup. Six cases were reported to me during the year, but no mortality arose therefrom.

I am again pleased to say that in every instance I was ably assisted by your Sanitary Inspector—whose report I herewith attach—in the matter of the prevention of the spread of the different diseases.

Elementary Schools. A thorough inspection of these has been made by me, and I am able to report that their sanitary condition throughout the district is satisfactory.

Slaughter-houses and Food Establishments. Of these also, I am able to report a satisfactory sanitary condition.

Common Lodging Houses. Of these we have none in the district.

Factory and Workshops Act, 1901. I have systematically visited the factories and workshops throughout the district, and find that in the matter of cleanliness, air space, ventilation, and other conditions specified under the Act, they are in a satisfactory state.

House Accommodation. Two cases of overcrowding received the attention of your Inspector, and the nuisance abated.

Water Supply. Has been satisfactory in quality and quantity.

Sewerage and Drainage. The sewerage system is working satisfactorily, and the scavenging equally so.

I am glad to be able to report the continued increase in the number of water-closets in the district.

Infectious
Diseases
Hospital.

This is still a question that requires the earnest consideration of the Council.

Inspection.

I have made my usual periodic and systematic inspection of the district, including cowsheds and dairies, and have found them in a satisfactory condition; this likewise applies to bake-houses. I have by monthly reports and otherwise informed you as to the health of the district. No case of diseased meat or fish was offered for sale. No occasion arose to take proceedings under the Adulteration of Foods Act, or in the matter of offensive trades.

I am, Gentlemen,

Your obedient Servant,

JOHN HAMILTON.

Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION. Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Factories (including Factory Laundries)	...	...	76
Workshops (including Workshop Laundries)	...	...	64
Workplaces	...	...	86
Homeworkers' Premises	...	...	20
Total			246

2.—DEFECTS FOUND.

	Found.	Remedied.
Overcrowding	2	2
Sanitary accommodation (insufficient)	2	2
„ „ (not separate for sexes)	1	1
Total	5	5

The following Table shows the Infantile Mortality in the Swadlincote District during the year 1905 :—

CAUSE OF DEATH.	Under 1 year.											
	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	1-2 months.	2-3 months.	3-4 months.	4-5 months.	6-7 months.	7-8 months.	8-9 months.	9-10 months.
Diarrhoea, all forms	0	0	0	0	1	0	0	0	0	1	0	0
Enteritis, not Tuberculous	0	0	0	0	2	0	0	0	0	0	0	0
Gastritis, Gastrointestinal	0	0	0	0	0	0	0	0	0	0	0	0
Catarrh	0	0	0	0	1	0	0	0	0	0	0	0
Premature Birth	1	2	0	0	1	0	1	0	0	0	0	0
Congenital Defects	1	1	1	0	1	1	0	0	0	0	0	0
Atrophy, Debility, Marasmus.	3	0	2	0	0	2	0	4	0	2	0	0
Tuberculous Peritonitis: Tabes												
Mesenterica	0	0	0	0	0	1	0	0	0	0	0	0
Other Tuberculous Diseases	0	0	0	0	0	0	0	0	0	0	0	1
Bronchitis	0	0	1	0	2	1	2	0	2	0	1	1
Pneumonia.	0	0	0	0	0	0	1	1	0	0	1	0
Suffocation, overlaying	1	0	0	0	1	0	0	0	0	0	0	0
Other Causes	6	0	1	3	2	1	0	0	0	2	2	0
	22	3	5	3	11	6	4	5	12	5	4	2

Total Deaths under One year

73

Births in the year : Legitimate, 667 ; Illegitimate, 1.

TABLE A.

Summary of SANITARY WORK done in the
Inspector of Nuisances' Department during the year
1905, in the Urban Sanitary District of Swadlincote,
containing an area of 3,415 acres.

DESCRIPTION OF NUISANCE.					Informal Notices served by Inspector.		Legal Notices served by Authority.		Nuisances abated.
Defective Traps, Inlets, and Drains	...	2	...	0	...	6			
Drains obstructed	...	3	...	0	...	13			
Insanitary Privies and Ashpits	...	5	...	4	...	7			
Insufficient Closet accommodation	...	9	...	7	...	35			
Conversion of Privies into W.C.'s	...	9	...	7	...	64			
Defective Water Closets	...	1	...	0	...	2			
Urinals defective	...	3	...	2	...	4			
Overcrowding	...	1	...	0	...	2			
Foul Condition of Houses	...	1	...	0	...	2			
Totals	...	34	...	20	...	135			

All cases of Infectious Disease visited by Inspector.
Disinfecting done by Inspector. Materials supplied by Council.
Regular inspection of meat, fish, fruit, &c., exposed for sale.
No Canal Boats.

DWELLING-HOUSES.—ESTIMATED NUMBER, 3,860.

Number inspected	...	...	92
Number of Houses repaired	...	...	13
Number of Infected Houses	...	...	59
Number Disinfected	...	...	51

DAIRIES AND COWSHEDS.

Number on Register	...	..	48
Number of Inspections	...	...	123

BAKEHOUSES.

Number on Register	...	...	35
Number of Inspections	...	..	125

SLAUGHTER-HOUSES.

Number on Register	...	...	34
Number of Inspections	...	...	124

WORKSHOPS.

Number on Register	...	...	67
Number of Inspections	...	...	176

Total Number of Inspections made 640

JABEZ HARVEY,

Inspector of Nuisances.